



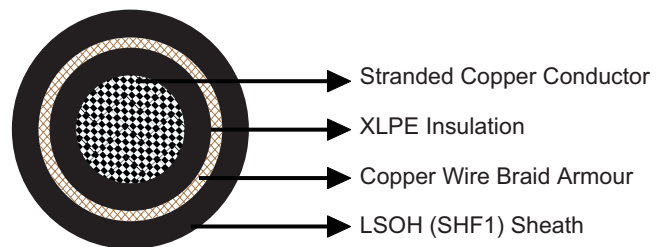
MTX300 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Power & Control Cables (Single Core)

Application

These armoured cables are used on board of ships in all locations for fixed installations where cable protection is required. These cables are flame retardant, low smoke & halogen free.

Standards

- IEC 60092-350/351/353/359
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



Construction

- Conductors: Class 2 stranded copper conductor, round or sector shaped. Class 5 stranded conductors can be offered upon request.
- Insulation: XLPE.
- Armour: Copper wire braid.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

Core Identification

- Single core: Black.

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: $6 \times OD$

Temperature Range: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$



Dimensions and Weight

MTX300 1RMZ1-R Single Core Armoured 0.6/1kV (-R stands for class 2 conductor. For class 5 conductor, please change -R to -F)

Part No.	Construction No. of cores×Cross section(mm ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MTX300-1RMZ1-R-1C1.5	1×1.5	0.7	1.1	6.3	70
MTX300-1RMZ1-R-1C2.5	1×2.5	0.7	1.1	6.7	80
MTX300-1RMZ1-R-1C4	1×4	0.9	1.1	7.4	100
MTX300-1RMZ1-R-1C6	1×6	0.9	1.1	8.0	120
MTX300-1RMZ1-R-1C10	1×10	0.9	1.1	8.8	180
MTX300-1RMZ1-R-1C16	1×16	0.9	1.1	10.2	245
MTX300-1RMZ1-R-1C25	1×25	0.9	1.2	11.7	355
MTX300-1RMZ1-R-1C35	1×35	0.9	1.2	13.0	455
MTX300-1RMZ1-R-1C50	1×50	1.0	1.3	15.0	620
MTX300-1RMZ1-R-1C70	1×70	1.1	1.4	17.2	850
MTX300-1RMZ1-R-1C95	1×95	1.1	1.4	19.1	1115
MTX300-1RMZ1-R-1C120	1×120	1.2	1.5	21.1	1385
MTX300-1RMZ1-R-1C150	1×150	1.4	1.6	23.2	1690
MTX300-1RMZ1-R-1C185	1×185	1.6	1.6	25.5	2065
MTX300-1RMZ1-R-1C240	1×240	1.7	1.7	28.4	2640
MTX300-1RMZ1-R-1C300	1×300	1.8	1.8	31.3	3260

